

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-284492

(43)Date of publication of application : 09.10.1992

(51)Int.Cl.

G09G 3/28

(21)Application number : 03-
048447

(71)Applicant : FUJITSU LTD

(22)Date of filing :

13.03.1991

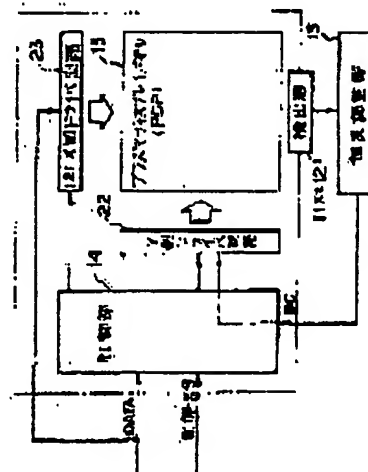
(72)Inventor : SHIBATA HIROYUKI
KANEKO KEIICHI
MATSUI NAOKI
OBATA SHOICHI

(54) BRIGHTNESS ADJUSTMENT DEVICE OF PLASMA DISPLAY PANEL

(57)Abstract:

PURPOSE: To reduce the high-temperature load on constituent components and to expand the operation range at high temperature by operation suppression by automatically adjusting the brightness of a screen centering on the use upper-limit temperature of a PDP device, and reducing the power consumption and suppressing heat generation.

CONSTITUTION: When a detector 11 detects the ambient temperature of a plasma display panel 15 or position information on an angle of rotation, etc., a brightness adjustment part 13 outputs a pulse voltage BC having a period corresponding to the detected temperature or the amount of information and a control part 14 outputs, for example, high-brightness side data corresponding to the voltage level H of the pulse voltage and low-brightness side data corresponding to the voltage level L to a Y-side driver circuit 22 to control the brightness of the plasma display panel 15. Therefore, the brightness is adjusted corresponding to a



change in environment such as the ambient temperature, an installation angle, etc., to suppress the heat generation.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's
decision of rejection]

[Kind of final disposal of application
other than the examiner's decision
of rejection or application
converted registration]

[Date of final disposal for
application]

[Patent number]

[Date of registration]

[Number of appeal against
examiner's decision of rejection]

[Date of requesting appeal against
examiner's decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office